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Application/Control Number: 10/763,173 Page 2

Art Unit: 2611

Allowable Subject Matter

1. Claims 1-10 are allowed.

2. The following is a statement of reasons for the indication of allowable subject matter:

The present invention relates to method and apparatus for generating a transmission signal in the transmitter utilizing spreading. Particular, prior art of record, taking individually or collectively, fails to fairly teach such method and apparatus, as a whole, including "distributing the spread data into two sequences of data at a specified timing synchronized with the reference clock; generating a first pulse shaping signal at a specified timing synchronized with the reference clock; generating a second pulse shaping signal at a specified timing synchronized with the reference clock; generating a cosine carrier and a sine carrier; multiplying one of the two sequences of data, the first pulse shaping signal, and the cosine carrier together; multiplying the other of the two sequences of data, the second pulse shaping signal, and the sine carrier together" in independent claims 1 and 6 (claims 1-5, 7-10 depend therefrom). Thus, claims 1-10 are found to be novel and unobvious over prior art of record.

3. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Uchiyama et al. (US 2006/0078041) discloses Transmitter, Receiver, And Data Communications System And Method.

Art Unit: 2611

Sehier et al. (US 5,546,423) discloses Spread Spectrum Digital Transmission System Using Low-Frequency Pseudorandom Encoding Of The Wanted Information And Spectrum Spreading And Compression Method Used In A System Of This Kind.

Dress, Jr. et al. (US 6,603,818) discloses Pulse Transmission Tranceiver Architecture For Low Power Communications.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Dac V. Ha whose telephone number is 571-272-3040. The examiner can normally be reached on 5/4.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Jay Patel can be reached on 571-272-3086. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Dac V. Ha

Primary Examiner

Art Unit 2611